

From boatanchors@theporch.com Sat Jan 11 21:48:17 1997
From: "JOSE V.GAVILA (EB5AGV)" <eb5agv@ctv.es>
Subject: *** for R-390A users ***
Message-ID: <199701120007.BAA01248@sandra.ctv.es>

Hi BA folks!

Well, perhaps this is not a new idea and perhaps it is already done, but if this is not the case, I think it could be useful for R-390A owners... I know that Tom (N5OFF) is gathering information, among other things, of R-390A users. I want to go a bit further and add some additional information for each unit, as which modifications has (as Kleronomos audio mod, Lee SSB mod, ..) AND the opinion of the user about that mod (if possible, compared to the original unit). This could give all of us, R-390A users, a full perspective of what mods are around AND which ones are the more interesting to do.

If you find this idea useful (and it is not already done, of course!), I offer some space on my hard disk ;-) to store and process all this information and post it when gotten a sufficient number of user profiles or place it at the BA list server (if Jack agrees!).

Of course, any further thinking about that subject will be welcomed!.

Best regards.

JOSE

73 JOSE V. GAVILA (EB5AGV / EC5AAU)
46910 Benetusser - Valencia
SPAIN

QTH locator: IM99TK

*** PLEASE, VISIT MY HOME PAGE AT : ***
http : [//www.geocities.com/SiliconValley/6992](http://www.geocities.com/SiliconValley/6992)
e-mail: eb5agv@ctv.es & eb5agv@amsat.org

From boatanchors@theporch.com Sat Jan 11 14:25:36 1997
From: merrigan@ee.ualberta.ca
Subject: 26Z5W Substitutes
Message-ID: <199701110726.BAA20541@uro.theporch.com>

There was some discussion a while ago about solid state subs for the

26Z5W's in the R390A's power supply. In the course of that discussion, I remarked that I had seen at least a couple of different "plug ins" used as substitutes for the tubes. At that time, I could not find the message in which I had described these plug-ins to the group (February 27,1995 as it turns out), and several people asked me about specific numbers. The upshot is that I am trying out some text information retrieval software, and used it to find the information in question:

They came out of an R390A which was purchased for parts, they are both solid state plug-ins for the 26Z5W rectifier tube, one is completely potted, with the following ID: "ED5902 EDI-7838". The other is not potted, and consisted of a couple of 1N3285 diodes.

There you go!!

Shaun

--

merrigan@nyquist.ee.ualberta.ca
Electrical Engineering Student
University of Alberta
Edmonton, Alberta, Canada

"Smart is dumb: It is unwise to build too much intelligence into a self-replicating machine."

--Fischel's Law and Epitaph

From boatanchors@theporch.com Sat Jan 11 14:25:36 1997
From: "William B. Ross" <billross@txdirect.net>
Subject: Re: 26Z5W Substitutes
Message-ID: <32D7F2ED.12C8@txdirect.net>

I urge caution in utilizing ss rectifiers of any type on the R390 series receivers unless some method of reducing voltage is included. These receivers are very sensitive to overvoltages and it is for this reason they should never be switched into the standby position on the mode switch. Increasing the B+ voltage in these receivers by even a few percent drastically decreases reliability and increases component failure.

Bill Ross K5LLK

From boatanchors@theporch.com Sat Jan 11 14:25:36 1997
From: John <johnmb@mindspring.com>
Subject: 6AR8 Specs
Message-ID: <199701111322.IAA27734@borg.mindspring.com>

From "essential characteristics"....

Max plate watts=2.0
Max plate volts=300
Max screen v, and watts=300
Service=color TV Synchronous detector*
Plate V=250
Screen V=250
Neg Grid V=(Rk=300)
Plate I=10mA
Screen I=.4 mA
Gm=4,000umhos

* (With plates tied together and feglectors (pins 1 and 2) grounded.
Total voltage change on either deflector with and equal and oposite change
on the other detector required to switch the plate current from
one plate to the other =20V Max.)

Hope this helps!
/John

From boatanchors@theporch.com Sat Jan 11 14:25:36 1997
From: John <johnmb@mindspring.com>
Subject: Re: 6AR8 Specs
Message-ID: <199701111438.JAA08042@borg.mindspring.com>

At 07:25 AM 1/11/97 -0600, I wrote:
> From "essential characteristics"....

>* (With plates tied together and feglectors (pins 1 and 2) grounded.
^^^^^^^^^^^^
deflectors!

Arrghhh! I'm typing in tongues again!
Sorry for the confusion!
(never post before coffee!)
/John

John Brewer johnmb@mindspring.com
WB50AU/4 AMI #24

```
>
>At 07:25 AM 1/11/97 -0600, John B wrote:
>>      From "essential characteristics"....
>
>>* (With plates tied together and feglectors (pins 1 and 2) grounded.
>                                     ^^^^^^^^^^^^^^
>                                     deflectors!
>
```

Tom Norris KA4RKT
badger@telalink.net Nashville, Tennessee, USA

Hello,
We have decided to add a 50.4 MHz AM remote base to our local repeater. Does anyone have a rig with a squelch, PTT and possibly xtal controlled rx and tx out there that they would sell? Does anyone know of any other 6M AM remote bases?

```

.....
.  Conard Murray  WS4S      Glowbugs listowner
.    217 Dyer Avenue      ws4s@infoave.net
.    Cookeville, TN 38501  615-526-4093
.      <><  Wise men still seek Him  <><
.....

```

He adds that "This may be a antenna tuner or a transmitter. Whatever it is, someone put alot of time into it."

Also what appears to be a good site for TM's and a few BA's (including a BC-348) is:

<http://www.sonic.net/~bstone/blcollec/sale.html>

Regards, Richard.

From boatanchors@theporch.com Sat Jan 11 14:25:36 1997
From: Sandy W5TVW <ebjr@worldnet.att.net>
Subject: RE: AOL "advance payment"-beware?
Message-ID: <19970111060652.AAA20790@LOCALNAME>

This is forwarded from "QRP-L" mail group. It is self-explanatory!

------(snip)-----

Howdy all on QRP-L, this message concerns email providers, one of which is necessary for anyone wishing to use the QRP-L list. My purpose here is to provide a warning about signing up with the wrong company. I signed up with AOL, and it sure looks like it is going to cost me about three hundred fifty-eight dollars.

A little over month ago I received one of those millions of 50-hour free America On Line (AOL) trial CD software disks. During the 25 days that I used this trial version of AOL, access to the services was almost perfect, in fact I only got less than 5 busy signals total during dozens of log-on calls over those 25 days. Being satisfied, I signed up for the 2 year in advance rate of just under 15 bucks per month, a total of 358 dollars which I paid up front by a single mouse click. That was about 2 weeks ago and it was in my opinion now a big mistake.

The day after accepting that offer, I started getting busy signals every evening which I try to get online. Every single evening.

Most evenings I cannot get any access to AOL, even with 10 to 30 tries of calling on the two local AOL access numbers. The best I've done in the last 2 weeks after signing up was to get connected after 8 dials. Every other evening I could not get on at all after trying 10 to 30 dials and then giving up. Both lines were always busy.

The AOL 800 number for tech help, and also the one for billing plays a recorded message apologizing for the fact that capacity of the access system

is now very poor. So AOL admits that there is a very serious problem accessing their service now.

Called their billing information service tonight to politely ask for refund of the money because I cannot get online hardly at all. AOL representative informed me that I cannot receive a refund, they said that once I had paid them, its a non refundable situation, and that they absolutely will NOT refund the money despite my report of not being able to use their service hardly at all. They said that it is too bad that I'm out the money but that AOL will not give to me any refund because AOL does not in any way guarantee that AOL will in fact be able to provide reasonable service for the charges which they have collected in advance from their customers.

Just posted this so that folks on the list can consider some things before signing up for an EMAIL service for to read the QRP-L list. I would say that a single month in advance payment is much better policy then longer periods, that way the risk would be relatively small.

By the way Compuserve continues to answer without being busy. I am on Csi every night and haven't gotten a single busy signal in weeks. I only added AOL for their heavily advertised low cost Internet access, should have stayed with the more expensive Compuserve (Csi).

Dan Keen K6DZ

-----snip)-----

73,

E. V. Sandy Blaize, W5TVW

"Boat Anchors collected, restored, repaired, traded and used!"

417 Ridgewood Drive,

Metairie, LA., 70001

ebjr@worldnet.att.net

Looking for: Hallicrafters SR-75, 860 tubes

Butternut HV2V antenna, G-R test gear.....*

From boatanchors@theporch.com Sat Jan 11 14:25:36 1997

From: KA9EGW@aol.com

Subject: Re: AOL "advance payment"-beware?

Message-ID: <970111011453_1791124138@emout04.mail.aol.com>

I guess the situation was inevitable--they were forced by competition to go to flat-rating, which brings in carloads of customers otherwise turned off by the per-minute charges, and they offer the pay-in-advance plan to get the bread to pay for the needed expansion of their network to handle the

increased volume.

Frankly, a good attorney would have no problem getting your money back, I think.

From boatanchors@theporch.com Sat Jan 11 21:48:17 1997

From: "John H. Dilks III" <oldradio@worldnet.att.net>

Subject: RE: AOL "advance payment"-beware?

Message-ID: <19970111172106.AAA6280@LOCALNAME>

To Sandy and all,

You have a great and powerful friend on your side in a situation like mentioned below:

Call your credit card company and they will work with you to get your money back. I had a problem (\$65) of similar nature. Within a month after filling out and signing a form provided by the credit card company, I recieved my money back.

73' John Dilks, K2TQN

>A little over month ago I received one of those millions of 50-hour free
>America On Line (AOL) trial CD software disks. During the 25 days that I used
>this trial version of AOL, access to the services was almost perfect, in fact
>I only got less then 5 busy signals total during dozens of log-on calls over
>those 25 days. Being satisfied, I signed up for the 2 year in advance rate of
>just under 15 bucks per month, a total of 358 dollars which I paid up front
>by a single mouse click. That was about 2 weeks ago and it was in my opinion
>now a big mistake.

>

```
.=====.  
|      73's from John H. Dilks, K2TQN, oldradio@worldnet.att.net      |  
|  
|      NJARC is on the WEB -   http://www.globalent.net/oldradio      |  
|  
|      There's always something new about old radio on our Web Page.  |  
|                          We update it every week!                    |  
'====='
```

From boatanchors@theporch.com Sat Jan 11 14:25:36 1997

From: Ho4bart@aol.com

Subject: BC-348 trivia, moderately interesting

Message-ID: <970111111854_1418469959@emout17.mail.aol.com>

proprietor of a GA militaria bizness told me he bot the last of Warner Robbins AFB's BC-348 recs. in 1990. 50 bc-348 and 11 art-13. he also sez the USAF reprinted the 1943 bc-348 manual in 1971, will have more detail on number printed and how/why in later posting.

i saw a manual for a B-24-O aircraft that specified rec bc-348-o , i don't suppose this correspondence follows straight across the board but perhaps there are other correspondences in the later suffix models?

i was wondering how many survive? this wouldn't be too hard to guesstimate since we know the number produced and can look up the losses of large aircraft due to war action & accidents. and then a certain number for ham conversions that became parts.

i saw a photo of a bc-348 found in the wreck of a ww2 army ship on a new guinea mountainside. this was in an article on the discovery of the wreck; the article in an aviation magazine, name? date? i will forward to kenc but it awaits locating, i am going by limited organic RAM on this point. the rec looked surprisingly good for having been 30 some years in a tropical climate. (wreck 1943, discovered 1970s). when i saw the photo, i felt like wiring a message: "i will pay you good to bring that bc-348 out!! put it in a suitcase and even with the bashed in corner, the dial forever jammed just above 6 mcs., the nameplate pried off for a souvenir for you... don't leave it to just rot! " but, that might be more difficult. the coconut republics have become real persnickety about visitors taking ww2 souvenirs, for good reason. they see the stuff as their historical heritage and a good tourist draw besides. so even taking a ww2 coke bottle can get you in trouble. so.....unless some local museum or an australian member of the search team took it, that rec has become a pile of corrosion. (for more nostalgia along the same lines, i refer the reader to the story of the "Lady Be Good", where the ARC-1 from this ww2 wreck was removed and installed in a working army aircraft in 1959. (the 'command sets' were too bashed). also, QST around 1993 had a photo of a HF xmtr pulled from a type 'Betty' bomber underwater at ?Saipan?. just a box of corrosion, but i hope it at least went to a local museum.) hue miller

g

From boatanchors@theporch.com Sat Jan 11 21:48:17 1997
From: Larry Keith <KQ4BY@IX.NETCOM.COM>
Subject: Re: BC-348 trivia, moderately interesting
Message-ID: <32D81159.68D2@IX.NETCOM.COM>

Ho4bart@aol.com wrote:

>

> proprietor of a GA militaria bizness told me he bot the last
> of Warner Robbins AFB's BC-348 recs. in 1990.

Gene may *think* he bought the last 50.... Local sources claim that they still show up, at Robins AFB DRMO, occasionally..

> 50 bc-348 and 11 art-13. he also sez the USAF reprinted
> the 1943 bc-348 manual in 1971, will have more detail on

Actually, it was revised in 1957, reviewed on 5 November 1971 and reprinted on 5 May 1972 -- 275 copies, that is. T0 number is 12R2-3BC348-2 and it covers the -J, -N, and -Q. It is still listed as an active T0 in the Air Force index and there were a few copies in the warehouse, the last time I was permitted in there.. FWIW, the present T0 manager has no idea why it is still there... So, any info may be of interest to him..

NAVWEPS 16-40BC224-3 covers the -E, -M, -O, -P, -S along with the BC-224-E, -G, -H, and -L. Any Navy types around who can tell us if this is a current pub?

Another good BC-348 reference is NAVAER 16-30ARR11-501 which is the Handbook of Bench Test and Alignment Procedure for Radio Receiver AN/ARR-11. It provides information on the BC-348-H,K,L,R family as well as the J,N,Q family..

The 999th Green Radio Group (Heavy) may also be interested to know that T0 12R2-3SCR274-1, Handbook, Operating Instructions, Radio Set SC-274-N is also active (dated 4 October 1944, revised 25 July 1956, and reviewed on 18 November 1971). And, of course T0 12R2-3SCR274-2, the Handbook of Maintenance Instructions (dated 15 February 1943, revised 25 July 1956, and reviewed on 10 Nov 71 is likewise active and in the warehouse..

Can you get them? Dunno.. Please *don't* use my name..

73,

Larry, KQ4By
Warner Robins, GA
Note: one "b"!! 8=)

From boatanchors@theporch.com Sat Jan 11 14:25:36 1997
From: Michael Crestohl <mc@shore.net>
Subject: British tubes....er, I mean valves!
Message-ID: <1997011111008.FAA26247@northshore.shore.net>

Hello Flame Keepers!

I acquired a piece of British equipment recently and of cours it uses British valves. These are miniature tubes and I am wondering if there are any US substitutes or equivilents. The Brit numbers are>

DL-93 DF-92 DK-96 DK-91 DAF-96 DF-96

Anyone know about this?

73,

-----Michael Crestohl W1RC -----mc@shore.net-----

From boatanchors@theporch.com Sat Jan 11 21:48:17 1997
From: mail08458@pop.net (Bryan)
Subject: Re: British tubes....er, I mean valves!
Message-ID: <QQbybd17133.199701111717@alterdial.UU.NET>

On Sat, 11 Jan 1997, Michael Crestohl <mc@shore.net> wrote:

>Hello Flame Keepers!

>

>I acquired a piece of British equipment recently and of cours it uses
>British valves. These are miniature tubes and I am wondering if there
>are any US substitutes or equivilents. The Brit numbers are>

>

>DL-93 DF-92 DK-96 DK-91 DAF-96 DF-96

>

>Anyone know about this?

According to GE Essential Characteristics:

American sub

DL-93: 3A4
DF-92: 1L4
DK-96: 1AB6
DK-91: 1R5
DAF-96: 1AH5
DF-96: 1AJ4

Bryan Stephens
mail08458@pop.net

From boatanchors@theporch.com Sat Jan 11 14:25:36 1997
From: "Roberta J. Barmore" <rbarmore@indy.net>
Subject: Coil-winding and the END of Vibromadness
Message-ID: <Pine.SUN.3.91.9701111135536.506D-1000000@indy1>

Hi!

First off, all of my posted notions in re vibrator-workarounds share one thing: they don't work. While it might be possible to come up with something that would work, the only two even semi-promising approaches require really ugly parts (in one case, a high-current high-pass filter, and boy would it have to run hot!)

Far better would be to just buy one of the s*1*d st*t* replacements. (And I should limit daydreaming while doing simple tasks--dreamed up those dimwit notions while hooking up remote-control inputs, at least 'til the heat-gun died the death. They don't make them like they used to, at which time they didn't make them at all!)

On coils, an old discovery: the '30s Handbook trick of using strips of bakelite (etc.) with holes drilled in 'em at the needed tpi *really* works! I've tried the other way, "sandwiching" the windings between two strips of plastic (etc.) at three or four points around the circumference & full-length, and it doesn't hold a candle to drilled strips. For the latest one (for that "Z-match" mentioned awhile ago), I used triangular end plates with notches filed in 'em to hold the strips and it makes a very solid little assembly. End plates are not strictly necessary, but they make the coil stay straight while the glue sets without having to use some external means, and the threading of the (pre-wound) windings is easier, too.

Given the difficulty of finding Airdux stock, this would be an FB way

to make replacements for lost coils for older rigs.

Wind chills to -35F and lower this weekend in Indiana, so I may get that matcher built. Might even get on the air, though the basement is now down to about 45F and falling, yuck.

73,
--Bobbi

From boatanchors@theporch.com Sat Jan 11 14:25:36 1997
From: "Lon W. Cottingham" <k5jv@swwweb.net>
Subject: Collins 651S1 feet
Message-ID: <32D7B83C.45BF@swwweb.net>

Greetings to All,

I have a pressing need for two sets of 651S1 feet. If you know the whereabouts of any, please let me know.

73 de Lon, K5JV

From boatanchors@theporch.com Sat Jan 11 14:25:36 1997
From: Al Klase <alklase@prolog.net>
Subject: Re: Collins 651S1 feet
Message-ID: <199701111651.KAA04850@uro.theporch.com>

At 09:58 AM 1/11/97 -0600, Lon W. Cottingham wrote:

>Greetings to All,

>

> I have a pressing need for two sets of 651S1 feet. If you know the
>whereabouts of any, please let me know.

>

The feet on my set are straight forward rubber bumpers 3/4" diameter and a little less than 1/2" tall. Digikey has some from Keystone, PN 728K-ND, that are .750" by .437" that should be perfect. Might also try a good hardware store.

73, Al

Al Klase - N3FRQ
alklase@prolog.net
Flemington, NJ

From boatanchors@theporch.com Sat Jan 11 14:25:36 1997
From: BRICKEY_PETER@tandem.com
Subject: Collins speaker for trade
Message-ID: <199701111155.AA5945@POST.TANDEM.COM>

Hi;

I have an extra Collins 270G-1 speaker. It is in very nice condition, but does not have the original speaker in it and also, as most of these speakers, could use a new flocked grill.

I am in need of a Collins 270G-2 speaker to go with my 75A-3 or (fat chance) a Collins 312B-1 speaker for the KWM-1.

73's Peter

From boatanchors@theporch.com Sat Jan 11 14:25:36 1997
From: n5off@w5ddl.aara.org
Subject: EAC 390A contract clarification
Message-ID: <552464@w5ddl.aara.org>

Just to clarify from my earlier post, for the EAC 1968 390A production,
order numbers FR-36-039-N-6-00189(E)
and DAAB05-67-C-0155

are from the same production run. Some rigs have both numbers stamped on the same frame.

Oops, that would be 1967 production.

73 de tom

From boatanchors@theporch.com Sat Jan 11 21:48:17 1997
From: Bob Duckworth <WB4MNF@atl.org>
Subject: Fair Radio PA/T195
Message-ID: <01BBFFB1.62DAA090@office>

Hi-

Couldn't resist.

For less than \$30 Fair radios PA/T195 just had to be a bargain.

Well it's here now and is pretty neat.

4X150D, autotune, Just needs a small bit of drive and power and it's a 100W plus CW TX.

I could use some help though.
Does anyone have the 'how it works' section
of the manual for this?

-bob
wb4mnf@atl.org

From boatanchors@theporch.com Sat Jan 11 14:25:36 1997
From: Thomas Bowes <bowes@klondyke.net>
Subject: FS HR050T1
Message-ID: <32D7E829.3345@klondyke.net>

I have an HR0 50T1 for sale. It has the standard 4 coil set with it. The radio works fine, recapped and realigned, but cosmetically it needs to be repainted. Some of you may have seen this rig at Dayton last year, it is the one that looks like somebody splashed it with a can of Liquid Wrench. I was going to use it as my "at work" radio, but a friend of mine gave me a National NC 2-40D so I don't need the HR0 any more. I am asking \$180 plus shipping, and yes, I will do the packing.

--

Tom Bowes
KK8M
Richmond, Michigan USA

From boatanchors@theporch.com Sat Jan 11 14:25:36 1997
From: "Tony" <tony@mail.bright.net>
Subject: FS: Radio Catalogs & Ham News
Message-ID: <199701111653.LAA04027@mail.bright.net>

Greetings Brothers & Sister,

I recently dug through some boxes and found some nice radio catalogs and issues of G.E. Ham News. These are spare to my needs, so I wanted to share them with my fellow addicts. The list is as follows:

Catalogs:

World Radio Laboratories, 1952 and 1955
Radio Shack 1954
Walter Ashe 1954

Ham News:

March and April 1948

Jan., May, Sept., and Nov. 1949
May and Sept. 1950
May, July, and Nov. 1951
Jan. (two copies), March, May (two copies), and Nov. 1952
March and July 1954
And a cool binder for the Ham News folders

RCA Ham Tips - Spring 1951

These are all in good condition (no tears or missing pages), but a few have some mildew stains. They are indeed colorful and a bunch 'o fun to look through.

I'd like to swap the whole bunch for a TMC speaker to match my GPR-90, or for some other doodad, receiver, microphone, or suitable other BA swap. I'll sell them outright if nothing good (ha!) is available.

Rules of Ware will apply, and I'll answer all repliers.

Keep 'Em Glowing,

Tony N8SNC -- AMI# 786
tony@bright.net

From boatanchors@theporch.com Sat Jan 11 21:48:17 1997
From: Robert Fowle <hammarlund@jacksonmi.com>
Subject: FS: RCA tube manuals/taylor/arrow/stancor/UTC/thordarson
Message-ID: <32D8430B.61B2@jacksonmi.com>

will take reasonable offer(s) on any item
or the whole lot..include shipping...
thank you for your time

RCA Tube manuals

RC-16 rebound complete
RC-19 rebound complete
RC-25 rebound complete
RC-26 original complete
Taylor Tubes 1937 product catalog Nice
Arrow 1962 catalog used 2 pages missing
Stancore S-101 1955
Stancore S-104 1958
UTC unknown loose pages no cover
Thordarson

cat. # 400-D fall-winter 1939/1940 Complete xfmr cat.
cat. # 352-F 1941 replacement xfmr cat.
cat. # 342-A 1935 servicemans guide
cat. # 400-FX 1942, will include war-time suppl.
cat. # 341 fall 1935 replacement xfmr's 4 pg's
cat. # 400-X (? 1941 ?) complete xfmr cat.

--

**** Visit my Web Page.....****

=====]-[->

Robert Fowle KC8DBC
1215 Winifred
Jackson, Mich. 49202-1946
Ph. 517-789-6721
E-mail: hammarlund@jacksonmi.com
Web Page: <http://www.jacksonmi.com/hammarlund>

NOW... BOATANCHORS Conference!
talk, buy-sell-trade all in one place!
Moderator: Robert Fowle
at: <http://www.inetnc.com/hamchat/>

From boatanchors@theporch.com Sat Jan 11 21:48:17 1997
From: k0az@i1.net (MIKE SANDERS)
Subject: Furnace won't keep up. Ranger to the rescue.
Message-ID: <199701112014.0AA03493@mail1.i1.net>

Yep, It's by golly cold here in the St. Louis area. Furnace in house is running its little guts out. Turned on lots of BAs to help with the heating chores but the furnace never did quit. Finally turned on the Ranger and the Johnson TR switch. Furnace finally cycled. So you folks with spouses who do not appreciate these old boats have another excellent weapon in the excuse or reason why locker. heheheh. Gonna get the oven mittens from the kitchen and put the Ranger on the floor so I can rest my frozen feet on it. heheheh. Stay warm.
73, Mike K0AZ

From boatanchors@theporch.com Sat Jan 11 21:48:17 1997
From: Mike Toneri <toneri@ils.net>
Subject: Re: Furnace won't keep up. Ranger to the rescue.
Message-ID: <199701120130.UAA06813@server1.ils.net>

At 02:37 PM 1/11/97 -0600, MIKE SANDERS wrote:
>Yep, It's by golly cold here in the St. Louis area. Furnace in house is
>running its little guts out. Turned on lots of BAs to help with the heating

```
>chores but the furnace never did quit. Finally turned on the Ranger and
>the Johnson TR switch. Furnace finally cycled. So you folks with spouses
>who do not appreciate these old boats have another excellent weapon
>in the excuse or reason why locker. heheheh. Gonna get the oven mittens
>from the kitchen and put the Ranger on the floor so I can rest my frozen
>feet on it. heheheh. Stay warm.                                     73, Mike K0AZ
>
```

I do the same with my Viking 500 and Invader 2000. Only trouble is it gets too hot in the house and teh air conditioner kicks in :-)

73...Mike

Mike & Lynda Toneri E-mail: toneri@ils.net

From boatanchors@theporch.com Sat Jan 11 21:48:17 1997
From: "Gary H. Harmon, Jr." <gharmon@txdirect.net>
Subject: Heath Knob and Feet Needed
Message-ID: <199701120342.VAA12467@legend.txdirect.net>

GE fellow collectors of Heathkit Green. Sure could use the following:

1. One of the filter switch knobs that goes on the SB-102 (flat green with a little tab handle - Sure wish Heath had made them of metal and not plastic.)
2. Front extender feet.
3. Regular feet.

Thanks in advance and 73,
gary

[illegible]

From boatanchors@theporch.com Sat Jan 11 14:25:36 1997
From: pmills@A.crl.com (Phil Mills)
Subject: Heath SB-401 problem fixed
Message-ID: <199701111732.AA09327@A.crl.com>

For those of you with Heath SB-401 transmitters, I thought I'd share my problem resolution.

The problem was that in CW mode, TRAN function, I could still hear a signal in my receiver on the operating frequency even the key was open. It turns out that R409 in the voltage divider off the negative bias supply had increased in value. This caused the cut-off bias to the 2nd mixer to be too low to completely cut it off under key up conditions. Replacing this resistor with one closer to specs solved the problem.

thanks & 73,
Phil

.
Phil Mills, AB5TH *****
pmills@a.crl.com
281-992-5762 DAYS
Friendswood, TX (south of Houston)

From boatanchors@theporch.com Sat Jan 11 21:48:17 1997
From: Gordon Smith <wpe9ijx@holli.com>
Subject: heathkit HP23 P.S.
Message-ID: <199701112023.PAA02385@walnut.holli.com>

Could someone please post or e-mail me the specifications for a Heathkit HP23 power supply?

Thank you. 73 from a very cold Kokomo, In.

WA9SLU WPE9IJX 1983 Honda GL650 Silverwing

Regards from the "Silicon Flood Plain" (tm) of Kokomo, In.

(home of Delco Electronics and the "Steer and the Stump"

ask me if you want more info :))

wpe9ijx@holli.com

From boatanchors@theporch.com Sat Jan 11 21:48:17 1997
From: Tim Richardson <tim@america.net>
Subject: Re: heathkit HP23 P.S.
Message-ID: <2.2.32.19970111212548.0086ce4c@pop.america.net>

Heathkit HP23, 23A, 23B, 23C power supply specs:

High Voltage: 820 VDC no load, 700 VDC @ 250 mA, duty cycle 100% @ 150 mA, 50% @ 300 mA, capacitor input filter, ripple <1% @ 250 mA

Low Voltage: 350 VDC no load, 300 VDC @ 150 mA, (high tap); 275 VDC no load, 250 VDC @ 100 mA (low tap); duty cycle 100% @ 175 mA, capacitor input filter with 6 H_y choke; ripple < .05% @ 150 mA

Fixed Bias Voltage: -130 VDC no load, -100 VDC @ 20 mA, ripple = .5% @ 20 mA, duty cycle 100 % @ 20 mA

Adjustable Bias Voltage: -40 to -80 VDC @ 1 mA max.

Filament Voltages: 6.3 VAC @ 11 A, 12.6 VAC @ 5.5 A

Socket connections (double check before using):

HP-23 & 23A

- 1 fixed bias
- 2 filament common
- 3 low voltage
- 4 high voltage
- 5 no connection
- 6 12 V filament
- 7 ground
- 8 6 V filament
- 9 AC switch
- 10 AC switch
- 11 adjustable bias

HP-23B & 23C

- 1 fixed bias
- 2 filament common
- 3 low voltage
- 4 high voltage
- 5 no connection
- 6 12 V filament
- 7 ground
- 8 no connection
- 9 AC switch
- 10 AC switch
- 11 no connection

HP-23: choice of 250 or 300 VDC low voltage during construction, has fixed and adjustable bias, has 6 & 12 V filaments, pilot light, fused plug

HP-23A: selection of 250 or 300 VDC low voltage, has fixed and adjustable bias, has 6 & 12 V filaments, no pilot light, circuit breaker

HP-23B: selection of 250 or 300 VDC low voltage, fixed bias only, 12 V filament only, no pilot light, circuit breaker

HP-23C: choice of 250 or 300 VDC low voltage during construction, fixed bias only, 12 V filament only, no pilot light, circuit breaker, no on/off switch

specs from 'Heathkit, A Guide to the Amateur Radio Products' by Chuck Penson, WA7ZZE

At 02:40 PM 1/11/97 -0600, wpe9ijx wrote:

>Could someone please post or e-mail me the

>specifications for a Heathkit HP23 power supply?

Tim Richardson WB4HZT Acworth, GA <tim@america.net> <http://www.america.net/~tim/>
"Those who cannot remember the past are condemned to relive it."-Santayana

From boatanchors@theporch.com Sat Jan 11 21:48:17 1997

From: Larry Boyle <lbkd6wi@calweb.com>

Subject: Heathkit Paint

Message-ID: <32D84C3F.DAA@calweb.com>

I am restoring a Heathkit RX-1 Mohawk, TX-1 Apache and a HA-10 Warrior. I would like to find a source for the green paint on the outside case. Also would like to find a SB-10 SSB adapter. Also still looking for a power supply for the Invader 200 or 2000. I have the 2000 with no power supply. I would consider getting a complete 200 also. Thanks and Cheers to all. Larry B. KD6WI in Placerville Ca.

From boatanchors@theporch.com Sat Jan 11 14:25:36 1997

From: Bob Rolfness <rsrolfne@atnet.net>

Subject: Help IDing Transformers?

Message-ID: <32D711E8.38D6@atnet.net>

Greetings All -

Have two what look to be several KW plate transformers of very old age. Need help IDing them if some one has an old catalog.

Stancor: Part number 52C046 [from name plate]

Looks to be 115 or 230 volt in to a Single center taped HV winding. Its heavy, maybe 40 to 60 pounds.

Thordarson: Type 1-4563 [from name plate]

About all I can tell is its very heavy and has large ceramic stand off isolators for winding terminals.

Any information would be most appreciated.

73's Bob W7VZX

From boatanchors@theporch.com Sat Jan 11 21:48:17 1997

From: Mike Flicinski <k2uxe@ibm.net>

Subject: Help! Paco Grid-dip Meter coils

Message-ID: <32D821ED.6AB4@ibm.net>

I obtained a Paco G-15 grid dip meter without coils. It uses a 6AF4 so qualifies as a hollow-state device!

Would appreciate information on the coils if anyone out there has it.

email direct please. Thanks in advance.

Mike K2UXE

Round Rock, TX (near Austin)

k2uxe@ibm.net

From boatanchors@theporch.com Sat Jan 11 21:48:17 1997

From: k0az@i1.net (MIKE SANDERS)

Subject: HR060 FS with matching spkr and coils.

Message-ID: <199701112014.0AA03488@mail1.i1.net>

Greetings All, St. Louis area pick up only. Very nice HR060 with the matching speaker. Coils A,B,C,D,E,F and AC. Manual copy. This is not a museum piece but is in very good condition. No, the coils are not for sale seperately nor is the speaker. Dial scale for EF included but not AC unfortunately. Factory calibrator yes. NBFM no. 450 yankee dollars will do it for me. Yes thats firm. Yes the receiver is worth it.

Coils A, B, C, D at 50 bux each is 200 bux

Coils E, F and AC at 75bux each is 225bux

Speaker at 75 is 75 bux..... lessee thats 500 bux. Looks like you can get the receiver free and make 50 on the deal. If you dont think the coils or speaker or worth the above prices find them for me in this shape at lower prices and I will buy them.

73, Mike K0AZ

From boatanchors@theporch.com Sat Jan 11 14:25:36 1997

From: BEN NOCK <106312.1035@compuserve.com>
Subject: MIL ITEMS AVAILABLE
Message-ID: <199701111452_MC1-E80-7FBD@compuserve.com>

The following are available.

WS No 62, complete.....	150.00
WS No 58, no acc's.....	140.00
TR1196 UK WWII Fighter set, r/tx hf.....	150.00
R1116A, pre WWII hf receiver.....	130.00
No 10 Calibrator, for 62 set.....	40.00
RAF WWII Bathtub morse key.....	40.00
Miniature Morse key, new, boxed.....	20.00
No 3 mic, WWII, various sets.....	8.00
DLR2 Headphones, WWII.....	8.00
AR88 speaker, black crackle.....	20.00

BEN G4BXD
MILITARY WIRELESS IN THE MIDLANDS

From boatanchors@theporch.com Sat Jan 11 21:48:17 1997
From: Larry Godek <AZCOT@gnn.com>
Subject: More radio FS fodder
Message-ID: <199701120216.VAA20428@mail-e2b.gnn.com>

Picked up a bunch of stuff today in hopes of passing some of it along to the BA group.

First was a couple of modified ARC-5 transmitters They are boh available for \$10 plus shipping. Antenna coils removed and coax coupling to the new and improved 83-isp connector. Power connector removed and a different type in its place. Don't know anything else about them.

Crystal box full of crystals for the PRC-14. Well its missing 6 xtals. Nice little gray box and has "Bliley Electronics Co." stamped on front. Best offer

TS-323/UR freq meter. Nice and clean. Has AC supply in it. Covers 20-380 Mc I think. \$25

BC-221-T with AC supply. Nice also \$25 plus shipping on everything. The power supplies in these two units are not MIL types from the looks of the power cord.

BC-348-0. Case and front plate, well they need work but insides complete. Someone was looking for a dynamotor for one of these

things. This one has everything. \$50

Extra BC-348 case. Nice condx. To good for the ratty "0" model.

BC-312. Case split in one corner and needs sanding and repainting. Front panel and Radio inside is pretty clean. About 60 lbs or so. May have an AC supply. Got two of them and don't remember which has which. The other one Is gonna be added to the rack in the radio room. \$50 plus.

4 DM-34 dynamotors. Two of them NIB with extra brushes in original packing in the boxes. best offers plus.

1 DM-40 dynamotor. Don't know what its for. best offer plus.

K-7 gun mount AND controller that goes with it. Any one need one of these???

Dynamotor for the ARC-4X

10hy @ 400ma in original wood box. Good stuff here. How much?

Couple of Collins MBF units and 2 accessoriy cases that match the units and attach to the top of the transceivers. These cover 60-80 mc and can be converted down to 6 meters. Best offers? Good condx.

In getting all this stuff loaded onto the truck the fellow who had also sold me a SCR-522 said he had a box for me. HOHO fellow friends.

In the box were a BC-1312 control box wheich mounts right on the big connector on the front of the unit and a BC-1314 control box that does similar duty remotely as best as I can figure out. Also a pair of nice BC-602 control boxes that went in the airplane with the unit. A connector that matches the antenna connector on thr front and 3 RA-62C power supplies. Then in a smaller box were the necessary power connectors for the ra-62 to SCR-522 radio. Nice day. the 522 looks good to. Now to wire it up. Also found a T-32 candlestick mic that you see the old control tower folks using. I suspect this may have been a control tower setup from sometime in the past. The radio has a stamp on it that sez "do not place feet here"!

1 last item was a speaker cabinet that is definately Collins. It is missing the speaker and grill but is definately Collins. Will clean up wonderfully.

Don't be bashful. My 10X10 storage shed is rapidly filling up and I definately need to get it out of the pickup.

Larry Godek W00GH
AZCOT@gnn.com

Gilbert, AZ. 85233

Ex-W6KQL, W8BPV, DL5LS, K0TAO, KN6TUP

From boatanchors@theporch.com Sat Jan 11 14:25:36 1997
From: johnz@earthlink.net
Subject: Need tuning knob and coils for HT-6
Message-ID: <199701110809.AAA05887@lithuania.it.earthlink.net>

I am trying to restore a Hallicrafters HT-6 transmitter. Every single knob had been changed over the years! I have managed to find all but the PA tank tuning knob, which appears to be the same style used as the main tuning knob for many Hallicrafters receivers of that era, including the S-19 through SX-25.

Have one oscillator tank coil (can) for 80m. Need the 80m PA coil to get this on the air. Would also be interested in both oscillator and PA coils for other bands. Pictures of these coils appear in Chuck Dachis' book on page 198.

Most grateful for any help you can give me here!

John Zitzelberger W6GL
1563 El Cerrito Drive
Thousand Oaks, CA 91362

From boatanchors@theporch.com Sat Jan 11 14:25:36 1997
From: Thomas Bowes <bowes@klondyke.net>
Subject: New Address
Message-ID: <32D7E3E6.7F3D@klondyke.net>

I have changed my E-mail address from bowes@ibm.net to

bowes@klondyke.net. Those that I have transactions pending with may wish to make note of the change.

Tom Bowes
KK8M
--

From boatanchors@theporch.com Sat Jan 11 14:25:36 1997
From: Bob Duckworth <WB4MNF@atl.org>
Subject: New ham needs help with ART-13
Message-ID: <01BBFFA1.CB2AADD0@office>

Fellow below said he has ART-13 and just got his ticket and could use some help getting it on the air. I'm ART-13 ignorant (I know one when I see it, period).

He needs to be on BA!

-bob
wb4mnf@atl.org

rick
rgerson@irus.rrr.uwo.ca
519-439-0116

From boatanchors@theporch.com Sat Jan 11 14:25:36 1997
From: Ho4bart@aol.com
Subject: no end to vibromadness, just yet
Message-ID: <970111150154_440417102@emout09.mail.aol.com>

but soon.

i almost wish i still had some hackable vibrator item around to try some power trickery on. i would tend to go with the 10/20v input to the xmfr to replace the vib action. but i had a Philco police radio xtal controlled for low band (i mean like 2200 kcs) that someone had been using at home to lissen to "police calls", it had a huge 6v power xfmer mounted on the side which fed right into the receiver's own pwr xfmr, 6 volt 60 cps. not recommended, not UL approved, but it did work.

ever checked out an Army GRR-5 rec? was used for alert broadcasts to antiaircraft units. since it's not a comm (traffic) type rec the dial resolution is pretty rotten, like some cheap commercial set. but the p/s, dual voltage, is something to behold for mass. the rec only draws

like 90v 20 mA and 1.5v 0.5 A. to get this, when operating on 120 ac input, the flow is like this: 120 ac => 6 ac => rect => vibrator=> power xmfr #2 => rect => dc voltages. and the vibrator really sings to let you know it's alive. hue miller

From boatanchors@theporch.com Sat Jan 11 14:25:36 1997
From: "Morton L. Denison" <mdenison@postoffice.ptd.net>
Subject: RE: Plus Shipping
Message-ID: <32D7D6AF.3453@postoffice.ptd.net>

I got an R-725 receiver from Texas last month and paid packing/shipping. Came to a tad over \$100. I was happy to pay it: 1) Proud to have found the receiver in the first place and 2) It came to me in great shape.

Small items I don't mind packing myself. Heavy and/or expensive and/or unreplaceable items I'll leave to the hands of the professional.

From boatanchors@theporch.com Sat Jan 11 14:25:36 1997
From: pmills@A.crl.com (Phil Mills)
Subject: QST's wanted
Message-ID: <199701111352.AA02260@A.crl.com>

I'm still trying to fill some holes in my collection. If you have any of the following issues to sell or trade, please e-mail me.

1956 Jan. & Feb
1957 April, May, Sept.
1958 Sept.

1960 Feb. & April
1966 Nov. & Dec.

1972 Jan.
1975 Feb. & Nov.

Thanks & 73,
Phil

.
Phil Mills, AB5TH **** *****
pmills@a.crl.com
281-992-5762 DAYS
Friendswood, TX (south of Houston)

From boatanchors@theporch.com Sat Jan 11 21:48:17 1997

From: bill@skeeter.frco.com (William Hawkins)
Subject: R-361E
Message-ID: <9701120104.AA04492@skeeter.frco.com>

There is an R-361E for sale nearby. Says it covers 225-420 MHz. I'm not particularly interested because it is outside the range of my longwire antenna. :-)

It's the size of an R-390, with fewer knobs. Anybody know this set?

Regards,
Bill Hawkins bill@skeeter.frco.com

From boatanchors@theporch.com Sat Jan 11 21:48:17 1997
From: Robert Nickels <ranickel@mwci.net>
Subject: R-390 history
Message-ID: <32D7FF87.14A9@mwci.net>

Hi All,

I'd like to place the venerable R-390 (and -A) on the symposium agenda once again...

We all know how popular these receivers are among BA-lovers today, but they are somewhat unique in that they were almost never a part of the BA hamshack of the 1950s, '60s, or early '70s'. It wasn't until they hit the surplus market that hams could adopt one, which happened in the mid-70s, best I can tell.

I'd be interested in knowing more about their previous lives. There have been a number of comments from list members who used or repaired them in military service, but here are a few questions that I have wondered about:

- which of the armed services used them?
- what types of modes/applications were they used for?
- what kind of transmitters were they used with?
- details of commonly-used accessory items
- were they used by commercial and other governmental agencies?
- any good war stories about R390s?

I'd encourage those who know to consider putting some of the history of the R390 into the BA Archives, this is one member of the BA family we can't learn about from the old Allied catalogs!

73, Bob W9RAN
ranickel@mwci.net

From boatanchors@theporch.com Sat Jan 11 14:25:36 1997
From: Bob Roehrig <broehrig@admin.aurora.edu>
Subject: receiver drift - round 3
Message-ID: <Pine.ULT.3.95.970111095739.8625A-100000@admin.aurora.edu>

More tests were done. This time I tried the HRO-X (I use X because I'm not sure of the exact model, but it's 1930's). Anyway, also using the 40 meter coil set, as I did in the ARM-101, the HRO drifted 3Kc in an hour, compared to the ARM at 4.5 Kc. So it is a little better. With a BC band coil, the HRO drifted 2Kc in an hour (1500KC).

The results are nearly the same with either receiver at the low end of the tuning range. The drift is minimal - less than 1Kc.

On 20 meters, the HRO drifted 10Kc in an hour!

E-mail broehrig@admin.aurora.edu 73 de Bob, K9EUI
CIS: Data / Telecom Aurora University, Aurora, IL
630-844-4898 Fax 630-844-5530

From boatanchors@theporch.com Sat Jan 11 21:48:17 1997
From: WA6GYD@aol.com
Subject: reciver wanted
Message-ID: <970111165003_912009045@emout05.mail.aol.com>

Hi all: I am looking for a RL Drake R4B in good working condition. Does not have to be in collector condition as I want to use it in my station for the West coast AMI net. I have for trade or sale a Hammerlund HQ170 in working condition, The 170 is Well used but has just been re-aligned and works well. Front panel markings are worn, has clock. Want \$140 U ship. Please call Don at 408-378-3275 or make inquires via E-mail. Thanks.

From boatanchors@theporch.com Sat Jan 11 14:25:36 1997
From: Mike Warren <71555.713@compuserve.com>
Subject: Shipping charges
Message-ID: <199701110730_MC2-E7C-82C3@compuserve.com>

I bought a S-20R from a gentleman in WA and had him take it to one of the strip mall places for packing and shipping -- cost was \$37, which I paid without question, since I had asked him to do it. The UPS shipping charge itself was about half that.
As an experiment, I stopped by one of the local (not franchise) shipping places and asked them what the UPS shipping cost would be for a few certain

weights and ZIPs. I then went back to work and Web-browsed to 'www.ups.com' and used their "Quick Cost Calculator". The UPS charges were EXACTLY one-half of what the local place charged. Looks like this particular place just takes the UPS fee and doubles it. One way to do it I guess.

Anyway, I now go straight to the UPS office or use USPS where possible.

Mike, W5MAZ (in MN)
m_warren@compuserve.com

From boatanchors@theporch.com Sat Jan 11 21:48:17 1997
From: "David L. Thompson" <thompson@mindspring.com>
Subject: Re: Shipping charges
Message-ID: <199701120311.WAA18174@mule1.mindspring.com>

Gang,

One of my businesses under my Resource Solutions banner is to a "software locator" service where I find complete software solutions to run the business not just the accounting. I have done three searches for Mail Boxes type companies and marking up UPS/FEDEX/USPS is one of their ways of making revenue and built into the standard software.

For the independents, they have manifest software that calculates the shipping charge (which they put on the package) and the markup. For the independents this is usually 33 to 60% depending on the carrier. For example a \$3 priority mail is usually \$4. UPS is marked up the most, FedEx in the middle, and USPS the least. They charge for boxes, packing material, and can charge for labor. A \$15 UPS shipment can easily run \$30 with markup and packaging. You are buying convenience and someone else to wrap the package. Most of these businesses are good at wrapping, but we also know that there have been problems.

Mail Boxes Etc. have another element added to their markup...A franchise fee for EVERY transaction! This is an additional cost of doing business with them.

One way I find to ship larger packages is via Delta Air cargo (probably United, American etc have the same). The Elenco 77 (heavy) shipped from San Antonio was only \$32. UPS ground was nearly \$30. I shipped several boxes of the Amateur Radio Mail Order Catalog to a dealer for \$59 where UPS ground was \$55 and UPS 2nd day was \$73. Also for heavy/multi-package shipments ask UPS about hundred-weight shipping (they don't volunteer it unless you ask).

73, Dave K4JRB

From boatanchors@theporch.com Sat Jan 11 21:48:17 1997
From: Conard Murray <ws4s@InfoAve.Net>
Subject: TCS PS schematic needed (HELP!)
Message-ID: <2.2.32.19970111210123.00997524@infoave.net>

Hello,
Thanks for reading this. I am in desperate need of a schematic for the TCS 12/24 volt power supply type COL 211330. This is the large single dynamotor supply and my dataplate says it is for a TCS-12. This one is not wired like the two-dynamotor supply that is in my manual. Mine is nuking a 5 amp fuse that looks like it is in the negative supply lead, but I can't trace what the problem is through the wiring harness as just about every other wire seems to be connected within a few fractions of an ohm. I don't want to cut the lacing on the harness to trace this out as the unit is unmodified. Does anyone out there have a schematic of this beastie?
Thanks,
De Conard WS4S

.....
. Conard Murray WS4S Glowbugs listowner .
. 217 Dyer Avenue ws4s@infoave.net .
. Cookeville, TN 38501 615-526-4093 .
. <>< Wise men still seek Him <>< .
.....

From boatanchors@theporch.com Sat Jan 11 21:48:17 1997
From: Karan Lee Carruth <klccarru@tenet.edu>
Subject: Users of TCS
Message-ID: <Pine.OSF.3.91.970111182557.3799E-100000@beall.tenet.edu>

I have a TCS-13 Receiver, TCS-12 Transmitter and PP-380 AC Power Supply.
Problem: AC hum in MOD position. Hum goes away in CW position. Turning on CW oscillator with test lead (thus leaving AVC "on") causes hum to go away.

I cannot find a problem with my receiver. Has anyone else had this problem? Is this indigenous to the TCS or is my receiver sick?

I cannot believe Collins designed it this way but I cannot find anything wrong in my receiver. All caps, resistors and tubes check okay. I have substituted other tubes and nothing changes. Hum originates in first

audio/cw oscillator stage as bypassing grid of audio output tube to ground causes hum (and everything else) to go away.

Help!

Lenox, WA50VG
klccarru@tenet.edu

From boatanchors@theporch.com Sat Jan 11 14:25:36 1997
From: William Donzelli <william@ans.net>
Subject: UV-848?
Message-ID: <199701111746.AA01347@interlock.ans.net>

I found a picture of a broadcast transmitter in an old book, prominently displaying a wonderful old tube called a UV-848. It looks like an 861 with an extra bit sticking out. Does anyone have data/stories/etc. about these bottles?

Yes, I know, I should just buy a copy of *Tube Lore*!

William Donzelli
william@ans.net

From boatanchors@theporch.com Sat Jan 11 14:25:36 1997
From: marty@aa4rm.radio.org (locale for Marty Reynolds)
Subject: Re: Vibrator woes...
Message-ID: <199701111824.NAA24630@aa4rm>

I had a baad xfrm'r in a '56 Merc radio.

Substituted a 12VCT 1A Radio Shark xfrm'r for it with the orig. vibrator putting 12V pulses across each 6V wdg. half. According to a magnetics man you can double the voltage if you double the freq. (115 vs 60cps)

So it put out 220VAC awreddy. Connecting two 1N4007s as negative-goers from the 12X4 plates to gnd made up a bridge.

The '56 Merc radio's been howling to Roll over Beethoven this way now for two years. I think this classifies as a depot-level procedure

Say did anyone ever guess that C. Berry's Roll (over B) & W. Haley's Rock (around the clock) was where R(oll) & R(ock) term originated?

MR

..er that's rock & roll

From boatanchors@theporch.com Sat Jan 11 21:48:17 1997
From: km1h@juno.com
Subject: Re: Vibrator woes...
Message-ID: <19970111.185738.9887.8.km1h@juno.com>

I use a SS vibrator in my chopped '49 Merc custom....been in there ever since I rebuilt the radio in 1986. The car was built by Valley Custom in '56 and I found it in Ohio in '85 while at the Dayton Hamvention.

BTW, R&R was coined by Alan Freed when he was a Cleveland DJ...at least that is the popularly accepted version. When he moved to WINS in NYC in 1954-55? he brought the term with him and was the first to recognize Chuck Berry's genius. I still have all my programs from Alan's Brooklyn Paramount and Fox shows as that was where I grew up.

I've been rebuilding antique auto radios for collectors for over 20 years and have over 200 in storage (going back to the late 20's). When properly working the vibrator noise transmitted acoustically should be almost unnoticable at comfortable receiver audio levels. Vibrator hash can be very noticable in the audio if the input filtering and buffer capacitors are leaky as well as poor grounds caused by decades of moisture and corrosion. AC hum in a home radio needing service is usually less of an annoyance than good old vibrator hash.

A 1941 Buick # 980660 radio which covers AM BC plus 5 bandspreaded SW bands is in regular operation in my bedroom with a modified 5V 12A computer PS I picked up for \$1. The PP 6V6's and 8" dynamic speaker really do justice to the BBC, etc. and it takes up minimal shelf space. After rebuilding this gem in 1979, the vibrator (It may be the original since it has all the correct UMS/Delco numbers) still runs fine.

I have an extensive collection of original auto radio literature, manuals, etc. (OEM and aftermarket), up to about 1957. If anyone needs parts lists, alignment info, etc I may be able to help.

Oh...almost forgot. I have rebuilt numerous other auto radios that still use the original or 30-40+ year old vibrators. A trick I learned as a kid when I worked part time in an auto radio shop was to apply 24-48VAC across the vibrator coil. The 60Hz AC would free up frozen vibrators and/or clean up bad contacts in about 30 seconds. Too long and you ruined it. That is just another example of tech ingenuity...something sorely lacking by some that spend their lives in an office surrounded by books. The WW2 and Korean War era hams/techs, etc were famous for doing things "not by the book".

Today they are ridiculed by the theorists and academics that couldnt

survive for a day in a disaster without their PC's, Cell phones, detailed product manuals and all the other hype that they live by.

73.....Carl KM1H

On Sat, 11 Jan 1997 12:27:48 -0600 (CST) marty@aaa4rm.radio.org (locale for Marty Reynolds) writes:

>
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>
>Substituted a 12VCT 1A Radio Shark xfrm'r for it with the orig.
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>frm the 12X4 plates to gnd made up a bridge.
>
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>Say did anyone ever guess that C. Berry's Roll (over B) & W. Haley's
>Rock (around the clock) was where R(oll) & R(ock) term originated?
>
> MR
>
>..er that's rock & roll
>

From boatanchors@theporch.com Sat Jan 11 21:48:17 1997
From: Tom Norris <badger@telalink.net>
Subject: Vibromadness, the GRR-5, and you....
Message-ID: <3.0.32.19970111171741.006a7db8@telalink.net>

At 02:17 PM 1/11/97 -0600, Hue Miller wrote:
(on the GRR-5 P/S)

>p/s, dual voltage, is something to behold for mass. the rec only draws

Not simply dual voltage, they had to make the supply able to operate on 6,12, or 24 VDC, or 110 VAC. The set can also operate off a battery pack, taking the overengineered power supply out of the loop entirely and substituting overpriced batteries.....

>like 90v 20 mA and 1.5v 0.5 A. to get this, when operating on 120

>ac input, the flow is like this: 120 ac => 6 ac => rect => vibrator=>
>power xmfr #2 => rect => dc voltages. and the vibrator really sings to
>let you know it's alive. hue miller

The high voltage section is fed from the AC in, no vibrator involved when used on AC.

(AC in to pins 11,12 of T-102) BUT, the vibrator section is used to provide the 1.5 VDC for the filaments! (The filament circuit has its own transformer - in fact the filament circuit has its own power supply section, and regulated at that) Not sure why they couldn't have used another 3.75v winding on the transformer used in AC use rather than the method used, which is even more circuitous than Hue hints at. There is an extra step for regulation --- 110vac in to T-101, 6vdc out to vibrator *- the vibrator circuit is voltage regulated

on the primary side: the primary center tap of T-103 (filament transformer) goes

to the cathode of a 6AG7, TAMO*, and the filament primary voltage to the vibrator

is thus regulated so as to provide 1.4 volts DC, (rectified by a couple Selenium diodes.)

The DC setting simply provide 6 volts in the 6 volt setting, or "more or less 6v" through

dropping resistors in 12 and 24 volt settings (hence the need to regulate, I guess)

Not the most straightforward power supply in the world, but it seems to work - when it is working.

The receiver itself is not as simple as it seems either. Though not over really complex

it has oddities like the 1R5 that is the first IF, is also the cal oscillator and the 1R5 for the

first AF is also the BFO. Beyond that is "just another battery SW set", but rather than

a TransOceanic or some such lightweight, this one weighs 60lbs.

notes:

*Vibrator E-102 is a simple non-synchronous 6 volt vibrator. The HV vibrator is a 6 pin jobbie,

using different pairs of contacts to drive different sections of the transformer (T-102) depending

on the voltage in. The 90 volts is rectified by a CK1007, regulated by another 6AG7, and sent on its

merry way. The only voltage not regulated is the -4.2 bias for the audio out.

*TAMO= "Then A Miracle Occurs"

Tom Norris KA4RKT
badger@telalink.net Nashville, Tennessee, USA

Eagles may soar free and proud, but weasels
never get sucked into jet engines.

From boatanchors@theporch.com Sat Jan 11 21:48:17 1997
From: Bob Rolfness <rsrolfne@atnet.net>
Subject: What is it?
Message-ID: <32D85B99.28B0@atnet.net>

Greetings - Just ran into an unknown interesting module of some kind.
The inside cover has a drawing and the name ELECTRONIC FREQUENCY
CONVERTER CV-253/ALR. It seems to plug into something else and looks to
be the "front end" of some kind of high quality system. There is a band
switch and 4 linear scales reading from 40 to 1000 MHz. The drawing
inside shows what looks to be 4 sperate converters, one for each band,
with a fancy motorized switching system as the bands are selected.

Any one know what the unit plugs into and the IF system?

It seems to be in almost original shape, but a lot of dust.

Any one need it?

73's Bob W7VZX

From boatanchors@theporch.com Sat Jan 11 14:25:36 1997
From: k9gdt@juno.com (George P Sieverson)
Subject: Who Gets the Manual for GR1650-A?
Message-ID: <19970111.084616.8886.1.K9GDT@juno.com>

Good Morning Anchorites and Anchorette(s),

I'm spending time this morning getting packages ready for this week's
trip to the Post Office. All the goodies are packed, except for the
manual for a GR1650-A.

Due to an act of terminal stupidity, I deleted the E-mail from the person
who needed the book. Can you tell me who you are and where I should send

the package?

I apologize for using up extra bytes on the list server.
Hmmm...methinks it's time for a trip to the health food store for more
Ginkgo Biloba! ; -)

Cheers,
George

George Sieverson
Barrington, IL
K9GDT@JUNO.COM

From boatanchors@theporch.com Sat Jan 11 14:25:36 1997
From: John <johnmb@mindspring.com>
Subject: WTB==> Mess O' R's
Message-ID: <199701111748.MAA14623@borg.mindspring.com>

Gang,
I'm looking to purchase a big assortment of resistors....
half watt and above...they dont need to be sorted, or
new, but just good spare parts stock, and assorted
values.

Please drop a line to:

johnmb@mindspring.com

should you have such things for sale.
Thanks!
/John

John Brewer AMI #24
WB50AU/4 Clayton NC
Always looking for Lysco, and other
lesser known commercial ham gear
from the 30s-60s.

From boatanchors@theporch.com Sat Jan 11 21:48:17 1997
From: w5jv@juno.com (J. Douglas Hensley)
Subject: WTF-TF-B: AN/ T-824-B or AN/ RT-618-B
Message-ID: <19970111.193757.17535.0.w5jv@juno.com>

Good Evening to everyone on the list,

I am looking for an AN/T-824-B transmitter which is the matching unit to the R-1051-B. I would like to try one in my MARS net service.

Will consider an AN/RT-618-B (xvcr) but prefer the T-824-B.

I don't expect to find one, but if one is available for trade or sale, please contact me via private post.

Regards to everyone,

Doug W5JV

From boatanchors@theporch.com Sat Jan 11 14:25:36 1997
From: jproc@bellglobal.com
Subject: RE: WTF/6AR8 Tube Specs?
Message-ID: <Chameleon.4.01.2.970110224559.jproc@>

>Does anyone have specs on the 6AR8?

Mike,

My manual does not have specs, only a description:

Sheet Beam (pentode?)
TV Colour circuits - Synchronous detector - burst gate

Regards,

Jerry Proc VE3FAB
E-mail: jproc@bellglobal.com
Radio Restoration Volunteer
HMCS Haida Naval Museum
Toronto, Ontario
